

Typical Performance @ 25°C

Characteristics	Typical	Guaranteed	
		0° to 50°C	-54° to +85°C
Frequency			
Small Signal Gain (min.)			
Gain Flatness (max.)			
Reverse Isolation			
Noise Figure (max.)			
Power Output @ 1 dB comp. (min.)			
IP3			
IP2			
Second Order Harmonic IP			
VSWR Input / Output (max.)			
DC Current @			

Absolute Maximum Ratings

Storage Temperature
 Max. Case Temperature
 Max. DC Voltage
 Max. Continuous RF Input Power
 Max. Short Term RF Input Power (1 minute max.)
 Max. Peak Power (3 μ sec max.)
 "S" Series Burn-in Temperature (Case)

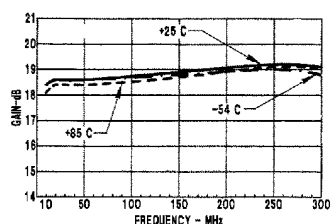
Thermal Data: $V_{cc} = 15$ Vdc

Thermal Resistance θ_{jc}
 Transistor Power Dissipation P_d
 Junction Temperature Rise Above Case T_{jc}

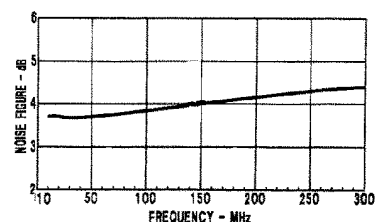
Outline Drawings

Package	TO-8	Surface Mount	SMA Connectorized
Figure			

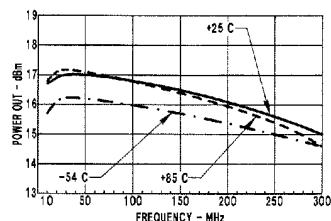
Gain vs. Temperature



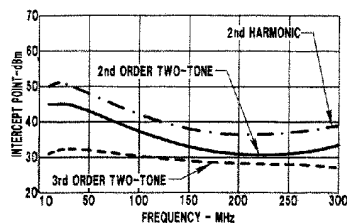
Noise Figure



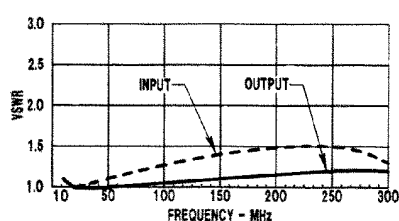
Output Power vs. Temperature *



Intercept Points



Input/Output VSWR



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